



VSB COLLEGE OF ENGINEERING TECHNICAL CAMPUS

(Approved by AICTE and Affiliated to Anna University)

NH-209, Coimbatore-Pollachi main road, Ealur Pirivu, Solavampalayam (PO),
Coimbatore – 642109, Tamil Nadu, INDIA



Department of Mechanical Engineering

News Letter

(Academic Year: 2021-2022)-Even Semester

About the Department

One of the founding departments of VSB College of Engineering Technical Campus, the Mechanical Engineering Department has played a leading role in evolving an 'Engineering Science' based curriculum. Today, the department of mechanical engineering of VSBCETC attracts and features an extraordinary rich diversity and quantity of talented individuals. The Department of Mechanical Engineering is established in the year 2012 and offers an UG Course, B.E. Mechanical Engineering with a Sanctioned intake of 60 Seats. The department is specifically concerned with design, development, installation, operation and maintenance of just about anything that has moveable parts. Mechanical Engineering discipline involves Analysis, Design, and Manufacturing & Maintenance of Mechanical systems. Students of Mechanical Engineering are exposed to concepts in Mechanics, Kinematics, Thermodynamics, Fluid Mechanics, Energy conversion & conservation, etc. Wherever there is manufacturing process, a Mechanical Engineer will play a role. We edify our students to do even an ordinary thing in an extra-ordinary way, so that they contrive their new challenges, dream high and work hard with faith, concentration and determination.

Department Vision

To be recognized as a Centre of Excellence in Mechanical Engineering Education and Research.

Department Mission

- **Mission1:** To impart quality education to the students with practical exposure by developing linkages with industries.
- **Mission2:** To enhance the students' skills through imparting fundamental principles in Mechanical Engineering to make them globally competitive Mechanical Engineers and to prepare them for diverse careers.
- **Mission3:** To motivate students to excel by augmenting their entrepreneurial skills to serve the society better.
- **Mission4:** To promote research activities through encouraging the faculty members and students to do innovative projects, attend conferences, development programs and to accomplish publications on emerging trends.

NATIONAL BOARD OF ACCREDITATION (NBA)

- Our department submitted the compliance report and got the 3 year accreditation from 30-06-2022 to 30-06-2025.

Programme Educational Objectives

- **PEO1** - Graduates will be a technically advanced workforce as successful professionals in the wide range of Mechanical Engineering and related fields.
- **PEO2**— Graduates will be effective collaborators and innovators, leading in efforts to address social, technical and business issues.
- **PEO3** — Graduates will engage in life-long learning and professional development through self-study, continuing education or graduate and professional studies in engineering and business.

Programme Outcomes

- **PO1-** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **PO2-** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- **PO3-** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- **PO4-** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

- **PO5-** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- **PO6-** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- **PO7-** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- **PO8-** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- **PO9-** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **PO10-** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **PO11-** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **PO12-** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Our Students Achievements in Results



II Year MECH

- ✓ **TAMILSELVAN.S- 8.88 CGPA**
- ✓ **NAVEEN PRASANTH.P- 8.80 CGPA**
- ✓ **KABILESHWARAN.T- 8.62 CGPA**

III Year MECH

- ✓ **LAVANYA.P.A- 9.18 CGPA**
- ✓ **KAMALESH.K.B- 8.81 CGPA**
- ✓ **SUDHAKAR.N- 8.77 CGPA**

IV Year MECH

- ✓ **TAMILSELVAN.V- 8.4 CGPA**
- ✓ **GOPINATH.M- 8.2 CGPA**
- ✓ **ROVIN.M- 8.16 CGPA**

Placement Details

s.no	Name of the student	Year / Branch	Name of the company	Salary Package Per annum (in Rs)
1	GOBINATH M	IV MECH	DXC,CTS,TCS,WIPRO,CAPEGEMINI	4,00,000
2	GOKUL R	IV MECH	DXC,TCS,WIPRO	4,00,000
3	NIKIL AKSHAY R	IV MECH	CTS,WIPRO	4,00,000
4	GOWTHAM M	IV MECH	CTS	4,00,000
5	ABHISHEK PRIYAN T U	IV MECH	WIPRO, CAPEGEMINI	3,50,000
6	KANALKANNAN G	IV MECH	WIPRO	3,50,000
7	Naveen Kumar.V	IV MECH	QUEST GLOBAL,WIPRO	3,50,000
8	SANJURAJ K	IV MECH	WIPRO	3,50,000
9	SELVAKUMAR B	IV MECH	TCS,WIPRO	3,50,000
10	MANOJ P	IV MECH	QUEST GLOBAL	3,25,000
11	AJAYAKUMAR S	IV MECH	L&T Edutech, FACE PREP	3,06,000
12	KUMARA ABIN B	IV MECH	FACE PREP	3,06,000
13	VIJAYASHANKAR C	IV MECH	FACE PREP	3,06,000
14	SANJAY S	IV MECH	MINDREE	3,50,000
15	RISHAP S	IV MECH	CAPEGEMINI	4,00,000
16	KAVI PRASANNA	IV MECH	MINDREE	3,50,000
17	GOWTHAM R	IV MECH	FACE PREP,Q-SPIDER	3,06,000
18	NAGAMUTHU DHIVAGAR M	IV MECH	Q-SPIDER,WIPRO	3,50,000

Name of the FDP/STTP/Online certification courses/ Online Interview attended by faculty members (including online courses). – Pantech, NPTEL, etc.,

S.No	Name of the Faculty member	Branch	Name of the course	Name of the organization conducted the programme	Period (From & To) / Date
1	Mr.Karthikeyan.V	MECH	Thermal engineering	JCT College of Engineering and Technology	09-02-2022 11-02-2022
2	Mr.Edison Thangaraj J	MECH	Thermal engineering	JCT College of Engineering and Technology	09-02-2022 11-02-2022
3	Mr.Manikandan P	MECH	Thermal engineering	JCT College of Engineering and Technology	09-02-2022 11-02-2022
4	Mr.Parthiban N	MECH	Thermal engineering	JCT College of Engineering and Technology	09-02-2022 11-02-2022
5	Mr.Raveendran M.R	MECH	Thermal engineering	JCT College of Engineering and Technology	09-02-2022 11-02-2022
6	Dr.T.Venkatajalapathi	MECH	Renewable Energy system and it's grid integration issues	SRM Institute of Science and Technology	28-02-2022 04-03-2022
7	Mr.Karthikeyan.V	MECH	Renewable Energy system and it's grid integration issues	SRM Institute of Science and Technology	28-02-2022 04-03-2022
8	Mr.Parthiban N	MECH	Renewable Energy system and it's grid integration	SRM Institute of Science and Technology	28-02-2022 04-03-2022

FACULTY NPTEL DETAILS (JAN-APR 2022)

S.NO	NAME OF THE FACULTY	COURSE COMPLETED IN NPTEL
1.	Dr. T. Venkatajalapathi	Heat Transfer
2.	Mr.S.Vigneshwaran	Computer Integrated Manufacturing
3.	Mr. V. Karthikeyan	IC Engines & Gas Turbines
4.	Mr.J.Edison Thangaraj	Introduction to Abrasive Machining Process
5.	Mr. N. Parthiban	Manufacturing Process Technology I & II
6.	Mr.P.Manikandan	Engineering Graphics and Design

FACULTY PATENT DETAILS

Sl. No	Name of the Author	Title of the Patent	Application No	Date of Publication
1.	Mr. M. R. RAVEENDRAN	AN ALERT SYSTEM TO PREVENT THEFT	202241013892A	24.05.2022

Name of the value added course attended by students

Sl.No	Name of the student	Year	Name of the course	Name of the organization conducted the programme	Period (From & To) / Date
1.	KAMALESH .K.B	III YEAR	Python Programming Part I&II	Infosys Spring Board	16.02.2022
2.	VIJAYSARATHI.V	III YEAR	Career Edge- Young professional	TCS Ion	18.02.2022
3.	SUDHAKAR.N	III YEAR	Python	EDU CBA	19.02.2022
4.	SUDHAKAR.N	III YEAR	Master Data Management	TCS Ion	21.02.2022
5.	VIJAYSARATHI.V	III YEAR	Python Programming Part I&II	Infosys Spring Board	23.02.2022
6.	PRAVIN.S	III YEAR	Python Programming Part I&II	Infosys Spring Board	03.03.2022
7.	PRAVIN.S	III YEAR	Career Edge- Young professional	TCS Ion	03.03.2022

Name of the Online Course attended by students

Sl.No	Name of the student	Year	Name of the course	Name of the organization conducted the programme	Period (From & To) / Date
1.	HARIPRAKASH.M	III YEAR	Introduction to Python	Infosys Spring Board	22.2.2022
2.	KAMALESH K.B	III YEAR	Introduction to Python	Infosys Spring Board	22.2.2022
3.	PRAVIN.S	III YEAR	Introduction to Python	Infosys Spring Board	22.2.2022
4.	MOUN MANOJ A	III YEAR	Introduction to Python	Infosys Spring Board	22.2.2022
5.	YOGESH M	III YEAR	Introduction to Python	Infosys Spring Board	23.2.2022
6.	VIJAYSARATHI.V	III YEAR	Java Programming Fundamentals	Infosys Spring Board	24.2.2022
7.	ANEESHKUMAR.V	III YEAR	Programming Using JAVA	Infosys Spring Board	07.03.2022
8.	ANEESHKUMAR.V	III YEAR	Java Programming Fundamentals	Infosys Spring Board	07.03.2022
9.	KAMALESH K.B	III YEAR	Java Programming Fundamentals	Infosys Spring Board	07.03.2022
10.	NANDHAKUMAR S	III YEAR	Basics of Python	Infosys Spring Board	21.03.2022

11.	ARUNRAJ LR	III YEAR	Java Programming Fundamentals	Infosys Spring Board	22.03.2022
12.	NANDHAKUMAR S	III YEAR	Python 3	Infosys Spring Board	22.03.2022
13.	SARAVANAKUMAR P	III YEAR	Java Programming Fundamentals	Infosys Spring Board	22.03.2022
14.	YOGESHWARAN M	III YEAR	Java Programming Fundamentals	Infosys Spring Board	22.03.2022
15.	DARSHISH PREMKUMAR	III YEAR	Java Programming Fundamentals	Infosys Spring Board	22.03.2022
16.	ROHITH S	III YEAR	Java Programming Fundamentals	Infosys Spring Board	22.03.2022
17.	MAHAMUNI S	III YEAR	Java Programming Fundamentals	Infosys Spring Board	24.03.2022
18.	NAVEEN G	III YEAR	Java Programming Fundamentals	Infosys Spring Board	24.03.2022

Inter College Events
Participated by Students

S.No	Name of the student	Year	Name of the event	Period (From & To) / Date
1	BALASUBRAMANIAM.G	I	Presented a paper in the topic of Solar Dry Heater at KSR Institute for Engineering and Technology, Tiruchengode	27-4-2022
2	MUTHURAM	I	Presented a paper in the topic of Solar Dry Heater at KSR Institute for Engineering and Technology, Tiruchengode	27-4-2022
3	RAMSIVAM B	I	Presented a paper in the topic of 3D Modeling at KSR Institute for Engineering and Technology, Tiruchengode	27-4-2022
4	EZHIL SARATHY M.S	I	Presented a paper in the topic of Solar Dry Heater at KSR Institute for Engineering and Technology, Tiruchengode	27-4-2022
5	NAVEEN PRASANTH S	II	Presented a paper in the topic of Design and implementation of micro hydro turbine at K.S Rangasamy College of Technology, Tiruchengode.	29-4-2022

6	GOKULRAJ S	II	Presented a paper in the topic of Design and implementation of micro hydro turbine at K.S Rangasamy College of Technology, Tiruchengode.	29-4-2022
7	KABILESHWARAN T	II	Presented a paper in the topic of Design and implementation of micro hydro turbine at K.S Rangasamy College of Technology, Tiruchengode.	29-4-2022
8	KARTHIKRAJA P	II	Presented a paper in the topic of Design and implementation of micro hydro turbine at K.S Rangasamy College of Technology, Tiruchengode.	29-4-2022
9	PRAVIN S	III	One day Workshop in the topic of "INDUSTRIAL ROBOTICS" at Coimbatore institute of technology	26-2-2022
10	LAVANYA PA	III	Participated in the "just a minute event" conducted on 9-4-2022 at KPR Institute of Engineering and technology, Coimbatore	09-04-2022

11	PREMKUMAR M	III	Participated in the “Switch talk” event conducted at KPR Institute of Engineering and technology, Coimbatore	08-04-2022
12.	VARUN H	III	Participated in the “Switch talk” event conducted at KPR Institute of Engineering and technology, Coimbatore	08-04-2022

Teachers are people who start things they never see finished, and for which they never get thanks until it is too late.— Max Forman

Thank You